Hi Elisa,

I see the same problem with eta_c channel, i.e. very low efficiency.

And the reason I suppose that outdated tpc reconstruction macro was used, at least if it is macro on grid /panda/user/p/pbarprod/tdr11/macros/pipi/run_reco_tpc_evt.C.
And it should be updated to trunk/macro/run/tdrct/npipi/run_reco_tpc_evt.C

with additional modification

the line
  //tpcSPR->SetMCPid(); // use ideal particle identification

should be uncommented
and the line
  tpcSPR->SetPDG(211);
should be commented.

The same is for other channels, except that for eta_c

/panda/user/p/pbarprod/tdr11/macros/eta_c/run_reco_tpc_evt.C

the last modification was already made.

Dima